

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application under 35 USC § 371 of:

Adrian P. GRIFFIN

International Serial No.: PCT/GB 03/04771  
International Filing Date: 05 November 2003

Group Art Unit: Unassigned

U.S. Filing Date:

Examiner: Unassigned

For: APPARATUS FOR USE IN NMR SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
- 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
- 1d. ☐ English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.

2. ☐ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)

1532761

JC20 Rec'd PCT/PTO 27 APR 2005

- 2b. ☐ set forth in the application.
- 2c. ☐ satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete, Abstract or relevant portion(s)) attached thereto.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: April 27, 2005  
1201 New York Ave., N.W., Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

By: David M. Pitcher

David M. Pitcher  
Registration No. 25,908

JC20 Rec'd PCT/PTO 27 APR 2005

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 469.1120	APPLICATION NO. 10/532761 <small>Unassigned</small>
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Adrian P. GRIFFIN	
		FILING DATE	GROUP ART UNIT Unassigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	4,628,263	12/09/86	Kida			
	AB	4,859,949	08/22/89	McKenna			
	AC	2003/0098689 A1	05/29/03	Marek			
	AD						
	AE						
	AF						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

**OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

			TRANSLATION YES NO
	AM	BUTLER, E., "AVANCE SGU Based Frequency Generation, Beginners Guide, Version 001, 27 June 2002 (2002-06-27), BRUKER BIOSPIN REINSTETTEN, GERMANY, XP002268875 Retrieved from the Internet: <URL:http://www.chem.wisc.edu/{cic/nmr/Guides/Bruker_Avance_manuals/Avance%20Beginners%20Guide%20(June%202002)%20-%20avance_beginner.pdf> pages 27-39: "System Description"	X
EXAMINER		DATE CONSIDERED	
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>			